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(54) **AUTONOMOUS, MODULAR POWER GENERATION, STORAGE AND DISTRIBUTION APPARATUS, SYSTEM AND METHOD THEREOF**

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(57) **ABSTRACT**

An autonomous, modular energy generation, storage and transmission apparatus, system, and method is provided. An apparatus is tube shaped and includes solar and thermionic energy conversion layers, and a battery module. A system of modular apparatuses may be connected together to form an transmission network. Such devices are particularly suited for outdoor application on highway jersey walls, and for indoor application on office cubicle walls. A method of charging battery modules in the apparatus is provided, along with a method of distributing the same in commerce.

